

IN THE SPECIFICATION

Please add the paragraphs after line 9 at page 4:

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS.

Figure 1 shows a first embodiment of the process of the invention.

Figure 2 shows a second embodiment of the process of the invention.

Figure 3 shows a thermogravimetric analysis of aliquots using solid oxides in a reduction cycle with 100% methane under isotherm temperature conditions at 780°C.

Figure 4 shows a first apparatus to perform the process of the invention.

Figure 4A shows the separation section SS1 in Figure 4.

Figure 5 shows a second apparatus to perform the process of the invention.